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α_{1B}-adrenoceptors
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Brain (human)
Polyamines; MK-801; N-methyl-D-aspartate (NMDA); Glutamate receptors; Ifenprodil; Spermidine (Steele, J.E. (189) 195)

Brain membranes (frog)
Digitonin extracts (soluble); [^{3}H]Diprenorphine binding; Sucrose gradients (sedimentation in) (Roussin-Pascaud, A. (189) 393)

Brain (rat)
[^{3}H]Paroxetine; [^{3}H]Citalopram; 5-Hydroxytryptamine (5-HT) transport complex; Receptor modulation (Plenge, P. (189) 129)

Ca^{2+}
$InsP_6$; Pituitary (Sortino, M.A. (189) 115)

Ca^{2+} channel antagonist; Anipamil; Verapamil; Nifedipine; Sarcolemma; Mitochondria; Myocardium; Ischemia (Ferrari, R. (189) 149)

Glutamate; Kainate; Quisqualate; NMDA; (Chick) (McMillian, M. (189) 253)

Ca^{2+} channel antagonist
Anipamil; Verapamil; Nifedipine; Sarcolemma; Mitochondria; Ca^{2+}; Myocardium; Ischemia (Ferrari, R. (189) 149)

Ca^{2+} channels
Bifemelane; Idebenone; Vinpocetine; Oocytes (*Xenopus*); Brain; mRNA; (Guinea-pig) (Kaneko, S. (189) 51)

Caged ATP
Atrial natriuretic factor (ANF); Guanylate cyclase; ATP (Chang, C.-H. (189) 111)

Ca^{2+} (intracellular)
DDT_1 MF-2 cells; Smooth muscle; Membrane current; α_{1B}-adrenoceptors; Inositol phosphates (Nelemans, A. (189) 41)

Calmodulin
Muscarinic acetylcholine receptor; Adenylate cyclase; Cortical slices; (Depolarization) (Zhou, X.-M. (189) 327)

Calmodulin (binding to)
Tiflucarbine; Cyclic nucleotide phosphodiesterase (Schmidt, B.H. (189) 411)

Carbamazepine
Electroconvulsive shock; G proteins; β-Adrenoceptors; Muscarinic cholinoceptors (Avissar, S. (189) 99)

Cardiac mitochondria
Phosphate (inorganic, P_i); Carnitine; Oxidative phosphorylation; Adenine nucleotide translocase (Duan, J. (189) 163)

Carnitine
Phosphate (inorganic, P_i); Cardiac mitochondria; Oxidative phosphorylation; Adenine nucleotide translocase (Duan, J. (189) 163)

Cell culture
Atherosclerosis; Smooth muscle cell; Cell proliferation; E5050 (Saeki, T. (189) 23)

Cell lines (stable)
$GABA_A$ receptors; Expression; Patch-clamping; Single channels (Moss, S.J. (189) 77)

Cell proliferation
Atherosclerosis; Smooth muscle cell; Cell culture; E5050 (Saeki, T. (189) 23)

Cerebellum
Inositol 1,4,5-trisphosphate; Receptor heterogeneity; Adrenal cortex; Heparin (Willcocks, A.L. (189) 185)

Cerebellum membranes (rabbit and guinea-pig)
[^{3}H]Etorphine; [^{3}H]Diprenorphine; Sucrose gradients; 5′-Guanylylimidodiphosphate (GppNHp) (Frances, B. (189) 1)

Chemical modification
Imipramine binding; Structure model (Fomenko, A.M. (189) 175)

Chronic ethanol
Vasopressin mRNA (mouse); Plasma osmolality; Vasopressin (plasma); In situ hybridization; Hypothalamus (Ishizawa, H. (189) 119)

Cl^- ionophore
Steroids; Pregnenolone sulfate; Brain; $GABA_A$ receptor (Majewska, M.D. (189) 307)

Computer graphics
Dopamine D_2 receptor; Benzamides; Stereoselectivity (Rognan, D. (189) 59)

Concanavalin A
Quisqualate; Kainate; Glutamate; GABA release; Striatal neurons (Charpentier, N. (189) 241)

Contraction
α_1-Adrenoceptor; Smooth muscle (vascular); G-protein; Age; Phorbol ester (Jagadeesh, G. (189) 11)

Protein kinase C; Blood vessel; Aging; Phorbol ester; (Fischer 344 rat) (Johnson, M.D. (189) 405)

Cortical slices
Muscarinic acetylcholine receptor; Adenylate cyclase; Calmodulin; (Depolarization) (Zhou, X.-M. (189) 327)

CPP (3-(2-carboxypiperazin-4-yl)propyl-1-phosphonic acid)
TCP (thienyl-phencyclidine); Postsynaptic densities; Glutamate effect (Foucaud, B. (189) 355)

Cyclic GMP
Muscarinic receptors; Primary cultured neurons; Up-regulation; Second messenger systems; Phosphoinositide turnover (Ohkuma, S. (189) 277)

Amiloride; Atrial natriuretic factor (ANF); ANF receptor; Particulate guanylate cyclase (Ivanova, K. (189) 317)

Cyclic nucleotide phosphodiesterase
Tiflucarbine; Calmodulin (binding to) (Schmidt, B.H. (189) 411)

DDT_1 MF-2
Smooth muscle cells; P_2 purinoceptors; Inositol phosphates; Intracellular Ca^{2+} (Hoiting, B. (189) 31)

DDT_1 MF-2 cells
Ca^{2+} (intracellular); Smooth muscle; Membrane current; α_{1B}-adrenoceptors; Inositol phosphates (Nelemans, A. (189) 41)

Deglycosylation
Muscarinic acetylcholine receptors; Endoglycosidase F; G proteins (Ohara, K. (189) 341)

Desensitization (heterologous)
Desensitization (homologous); Dopamine receptors; Adenylate cyclase; Striatum; (Neurons) (Chneiweiss, H. (189) 287)

Desensitization (homologous)
Desensitization (heterologous); Dopamine receptors; Adenylate cyclase; Striatum; (Neurons) (Chneiweiss, H. (189) 287)

Dextrorphan
Glycine; Glutamate; Noncompetitive NMDA antagonists; Brain; (Rat) (Franklin, P.H. (189) 89)

Digitonin extracts (soluble)
Brain membranes (frog); [^{3}H]DipHrenorphine binding; Sucrose gradients (sedimentation in) (Roussin-Pascaud, A. (189) 393)

DNA synthesis
Nitric oxide (NO); Glyceryl trinitrate; Sodium nitroprusside; Smooth muscle cells (vascular); Growth (Nakaki, T. (189) 347)

L-Dopa
Dopamine; LLC-PK$_1$ cells; Kidney; Aromatic amino acid decarboxylase; Renal catecholamines (Dawson, Jr., R. (189) 423)

Dopamine
LLC-PK$_1$ cells; L-Dopa; Kidney; Aromatic amino acid decarboxylase; Renal catecholamines (Dawson, Jr., R. (189) 423)

Dopamine D$_2$ receptor
Computer graphics; Benzamides; Stereoselectivity (Rognan, D. (189) 59)

Dopamine receptors
Desensitization (homologous); Desensitization (heterologous); Adenylate cyclase; Striatum; (Neurons) (Chneiweiss, H. (189) 287)

E5050
Atherosclerosis; Smooth muscle cell; Cell culture; Cell proliferation (Saeki, T. (189) 23)

Electroconvulsive shock
Carbamazepine; G proteins; β-Adrenoceptors; Muscarinic cholinoceptors (Avissar, S. (189) 99)

Enantiomers
Glycine; NMDA receptors; HA-966 (1-hydroxy-3-amino-pyrrolidone-2); Spermine (Pullan, L.M. (189) 237)

Endoglycosidase F
Muscarinic acetylcholine receptors; Deglycosylation; G proteins (Ohara, K. (189) 341)

Endothelin-1
PI turnover; Noradrenaline; Atrium; (Rat) (Kuraja, I.J. (189) 299)

Endothelium
Muscarinic receptors; Inositol monophosphate; cAMP; Aorta; Smooth muscle (vascular); Acetylcholine; Atropine; Scopolamine (Sim, M.K. (189) 399)

Erythrocytes (human)
Nucleoside transport inhibition; Lidoflazine analogs (Pirovano, I.M. (189) 419)

N-Ethylmaleimide
Muscarinic acetylcholine receptors; Sino-atrial node; Atrium; Guanine nucleotides; Phospholipase (Braun, A.P. (189) 201)

Excitatory amino acids
NMDA receptors; AMPA ((RS)-2-amino-3-(3-hydroxy-5-methylisoxazol-4-yl)propionic acid) receptors; AMAA ((RS)-2-amino-2-(3-hydroxy-5-methylisoxazol-4-yl) acetic acid); Quinolinic acid; Neurotoxicity (Madsen, U. (189) 381)

Expression
GABA$_A$ receptors; Cell lines (stable); Patch-clamping; Single channels (Moss, S.J. (189) 77)

Fluoride
T-cell receptors; Signal transduction; Inositol phosphates; ADP ribosylation; GTPase (Kvanta, A. (189) 363)

GABA$_A$ receptor
Steroids; Pregnenolone sulfate; Brain; Cl^- ionophore (Majewska, M.D. (189) 307)

γ2-Subunit; Antipeptide antibodies (Benke, D. (189) 337)

GABA$_A$ receptors
Expression; Cell lines (stable); Patch-clamping; Single channels (Moss, S.J. (189) 77)

Benzodiazepine receptor subtypes; Receptor autoradiography (Mennini, T. (189) 143)

GABA release
Quisqualate; Kainate; Glutamate; Concanavalin A; Striatal neurons (Charpentier, N. (189) 241)

Glomerulosa cells
Angiotensin II receptors; Phospholipase C; Inositol phosphate; Aldosterone; Adrenal cortex (Boulay, G. (189) 267)

Glutamate
Dextrorphan; Glycine; Noncompetitive NMDA antagonists; Brain; (Rat) (Franklin, P.H. (189) 89)

Quisqualate; Kainate; Concanavalin A; GABA release; Striatal neurons (Charpentier, N. (189) 241)

Ca^{2+}; Kainate; Quisqualate; NMDA; (Chick) (McMillian, M. (189) 253)

Glutamate effect
TCP (thienyl-phencyclidine); CPP (3-(2-carboxypiperazin-4-yl)propyl-1-phosphonic acid); Postsynaptic densities (Foucaud, B. (189) 355)

Glutamate receptors
Polyamines; MK-801; N-methyl-D-aspartate (NMDA); Brain (human); Ifenprodil; Spermidine (Steele, J.E. (189) 195)

In situ hybridization; Kainic acid; *Xenopus* oocyte; Hippocampus (Gall, C. (189) 217)

Glyceryl trinitrate
Nitric oxide (NO); Sodium nitroprusside; Smooth muscle cells (vascular); DNA synthesis; Growth (Nakaki, T. (189) 347)

Glycine
Dextrorphan; Glutamate; Noncompetitive NMDA antagonists; Brain; (Rat) (Franklin, P.H. (189) 89)

NMDA receptors; Enantiomers; HA-966 (1-hydroxy-3-amino-pyrrolidone-2); Spermine (Pullan, L.M. (189) 237)

Glycine recognition site
[^{3}H]Glycine; NMDA receptor; Vinylglycine (Monahan, J.B. (189) 373)

G-protein
α_1-Adrenoceptor; Smooth muscle (vascular); Age; Contraction; Phorbol ester (Jagadeesh, G. (189) 11)

G protein
GTP; [^{125}I]Iodomelatonin binding; Hypothalamus; (Syrian hamster); (Picomolar-affinity sites) (Niles, L.P. (189) 95)

G proteins
Carbamazepine; Electroconvulsive shock; β-Adrenoceptors; Muscarinic cholinoceptors (Avissar, S. (189) 99)

Muscarinic acetylcholine receptors; Endoglycosidase F; Deglycosylation (Ohara, K. (189) 341)

G-proteins
Pertussis toxin; Sino-atrial node (Braun, A.P. (189) 105)

GR65630
5-HT$_3$ receptor; N1E-115 neuroblastoma cells (Lummis, S.C.R. (189) 223)

Growth
Nitric oxide (NO); Glyceryl trinitrate; Sodium nitroprusside; Smooth muscle cells (vascular); DNA synthesis (Nakaki, T. (189) 347)

GTP
G protein; [^{125}I]Iodomelatonin binding; Hypothalamus; (Syrian hamster); (Picomolar-affinity sites) (Niles, L.P. (189) 95)

GTPase
T-cell receptors; Signal transduction; Inositol phosphates; Fluoride; ADP ribosylation (Kvanta, A. (189) 363)

Guanine nucleotides
Muscarinic acetylcholine receptors; Sino-atrial node; Atrium; Phospholipase; N-Ethylmaleimide (Braun, A.P. (189) 201)

Guanylate cyclase
Atrial natriuretic factor (ANF); Caged ATP; ATP (Chang, C.-H. (189) 111)

Atrial natriuretic factor (ANF); ATP; ADP (Chang, C.-H. (189) 293)

5′-Guanylylimidodiphosphate (GppNHp)
[^{3}H]Etorphine; [^{3}H]Diprenorphine; Cerebellum membranes (rabbit and guinea-pig); Sucrose gradients (Frances, B. (189) 1)

HA-966 (1-hydroxy-3-amino-pyrrolidone-2)
Glycine; NMDA receptors; Enantiomers; Spermine (Pullan, L.M. (189) 237)

[^{3}H]Citalopram
[^{3}H]Paroxetine; 5-Hydroxytryptamine (5-HT) transport complex; Receptor modulation; Brain (rat) (Plenge, P. (189) 129)

[^{3}H]Diprenorphine
[^{3}H]Etorphine; Cerebellum membranes (rabbit and guinea-pig); Sucrose gradients; 5′-Guanylylimidodiphosphate (GppNHp) (Frances, B. (189) 1)

[^{3}H]Diprenorphine binding
Brain membranes (frog); Digitonin extracts (soluble); Sucrose gradients (sedimentation in) (Roussin-Pascaud, A. (189) 393)

Heparin
Inositol 1,4,5-trisphosphate; Receptor heterogeneity; Cerebellum; Adrenal cortex (Willcocks, A.L. (189) 185)

[^{3}H]Etorphine
[^{3}H]Diprenorphine; Cerebellum membranes (rabbit and guinea-pig); Sucrose gradients; 5′-Guanylylimidodiphosphate (GppNHp) (Frances, B. (189) 1)

Hexahydro-procyclidine
Muscarinic M, receptors; Muscarinic M_2 receptors; Muscarinic M_4 receptors; (S)-Procyclidine; (R)-Procyclidine; Pyrrinol; Muscarinic receptors (stereoselectivity) (Waelbroeck, M. (189) 135)

[^{3}H]Glycine
NMDA receptor; Glycine recognition site; Vinylglycine (Monahan, J.B. (189) 373)

Hippocampus
Glutamate receptors; In situ hybridization; Kainic acid; *Xenopus* oocyte (Gall, C. (189) 217)

[^{3}H]Nitrendipine binding
Trimebutine; Smooth muscle (ileal); Taenia cecum; (Guinea-pig); (Contraction) (Nagasaki, M. (189) 71)

[^{3}H]Paroxetine
[^{3}H]Citalopram; 5-Hydroxytryptamine (5-HT) transport complex; Receptor modulation; Brain (rat) (Plenge, P. (189) 129)

[^{3}H]PK 11195
Benzodiazepine binding sites (peripheral type); Lipocortin I; Anti-lipocortin I antiserum; Smooth muscle (Vascular) (Mihara, S.-i. (189) 233)

5-HT$_3$ receptor
N1E-115 neuroblastoma cells; GR65630 (Lummis, S.C.R. (189) 223)

5-HT$_3$ receptors
Radiation inactivation; N1E-115 neuroblastoma cells (Lummis, S.C.R. (189) 229)

5-Hydroxytryptamine (5-HT) transport complex
[^{3}H]Paroxetine; [^{3}H]Citalopram; Receptor modulation; Brain (rat) (Plenge, P. (189) 129)

Hypothalamus
GTP; G protein; [^{125}I]Iodomelatonin binding; (Syrian hamster); (Picomolar-affinity sites) (Niles, L.P. (189) 95)

Vasopressin mRNA (mouse); Chronic ethanol; Plasma osmolality; Vasopressin (plasma); In situ hybridization (Ishizawa, H. (189) 119)

Idebenone
Bifemelane; Vinpocetine; Ca^{2+} channels; Oocytes (*Xenopus*); Brain; mRNA; (Guinea-pig) (Kaneko, S. (189) 51)

Ifenprodil
Polyamines; MK-801; N-methyl-D-aspartate (NMDA); Glutamate receptors; Brain (human); Spermidine (Steele, J.E. (189) 195)

[^{125}I]Iodomelatonin binding
GTP; G protein; Hypothalamus; (Syrian hamster); (Picomolar-affinity sites) (Niles, L.P. (189) 95)

Imipramine binding
Chemical modification; Structure model (Fomenko, A.M. (189) 175)

Inositol monophosphate
Muscarinic receptors; cAMP; Aorta; Endothelium; Smooth muscle (vascular); Acetylcholine; Atropine; Scopolamine (Sim, M.K. (189) 399)

Inositol phosphate
Glomerulosa cells; Angiotensin II receptors; Phospholipase C; Aldosterone; Adrenal cortex (Boulay, G. (189) 267)

Inositol phosphates
DDT_1 MF-2; Smooth muscle cells; P_2 purinoceptors; Intracellular Ca^{2+} (Hoiting, B. (189) 31)

DDT_1 MF-2 cells; Ca^{2+} (intracellular); Smooth muscle; Membrane current; α_{1B}-adrenoceptors (Nelemans, A. (189) 41)

T-cell receptors; Signal transduction; Fluoride; ADP ribosylation; GTPase (Kvanta, A. (189) 363)

Inositol 1,4,5-trisphosphate
Receptor heterogeneity; Cerebellum; Adrenal cortex; Heparin (Willcocks, A.L. (189) 185)

In situ hybridization
Vasopressin mRNA (mouse); Chronic ethanol; Plasma osmolality; Vasopressin (plasma); Hypothalamus (Ishizawa, H. (189) 119)

Glutamate receptors; Kainic acid; *Xenopus* oocyte; Hippocampus (Gall, C. (189) 217)

InsP$_6$
Pituitary; Ca^{2+} (Sortino, M.A. (189) 115)

Intracellular Ca^{2+}
DDT_1 MF-2; Smooth muscle cells; P_2 purinoceptors; Inositol phosphates (Hoiting, B. (189) 31)

Ischemia
Ca^{2+} channel antagonist; Anipamil; Verapamil; Nifedipine; Sarcolemma; Mitochondria; Ca^{2+}; Myocardium (Ferrari, R. (189) 149)

Kainate
Quisqualate; Glutamate; Concanavalin A; GABA release; Striatal neurons (Charpentier, N. (189) 241)

Glutamate; Ca^{2+}; Quisqualate; NMDA; (Chick) (McMillian, M. (189) 253)

Kainic acid
Glutamate receptors; In situ hybridization; *Xenopus* oocyte; Hippocampus (Gall, C. (189) 217)

Kidney
Dopamine; $LLC\text{-}PK_1$ cells; L-Dopa; Aromatic amino acid decarboxylase; Renal catecholamines (Dawson, Jr., R. (189) 423)

Lidoflazine analogs
Nucleoside transport inhibition; Erythrocytes (human) (Pirovano, I.M. (189) 419)

Lipocortin I
Benzodiazepine binding sites (peripheral type); [^{3}H]PK 11195; Anti-lipocortin I antiserum; Smooth muscle (Vascular) (Mihara, S.-i. (189) 233)

LLC-PK$_1$ cells
Dopamine; L-Dopa; Kidney; Aromatic amino acid decarboxylase; Renal catecholamines (Dawson, Jr., R. (189) 423)

Membrane current
DDT$_1$ MF-2 cells; Ca^{2+} (intracellular); Smooth muscle; α_{1B}-adrenoceptors; Inositol phosphates (Nelemans, A. (189) 41)

Mitochondria
Ca^{2+} channel antagonist; Anipamil; Verapamil; Nifedipine; Sarcolemma; Ca^{2+}; Myocardium; Ischemia (Ferrari, R. (189) 149)

MK-801
Polyamines; N-methyl-D-aspartate (NMDA); Glutamate receptors; Brain (human); Ifenprodil; Spermidine (Steele, J.E. (189) 195)

Muscarinic acetylcholine receptors
Sino-atrial node; Atrium; Guanine nucleotides; Phospholipase; N-Ethylmaleimide (Braun, A.P. (189) 201)

Adenylate cyclase; Calmodulin; Cortical slices; (Depolarization) (Zhou, X.-M. (189) 327)

Endoglycosidase F; Deglycosylation; G proteins (Ohara, K. (189) 341)

Muscarinic cholinoceptors
Carbamazepine; Electroconvulsive shock; G proteins; β-Adrenoceptors (Avissar, S. (189) 99)

Muscarinic M$_2$ receptors
Muscarinic M, receptors; Muscarinic M$_4$ receptors; (S)-Procyclidine; (R)-Procyclidine; Pyrrinol; Hexahydro-procyclidine; Muscarinic receptors (stereoselectivity) (Waelbroeck, M. (189) 135)

Muscarinic M$_4$ receptors
Muscarinic M, receptors; Muscarinic M$_2$ receptors; (S)-Procyclidine; (R)-Procyclidine; Pyrrinol; Hexahydro-procyclidine; Muscarinic receptors (stereoselectivity) (Waelbroeck, M. (189) 135)

Muscarinic M, receptors
Muscarinic M$_2$ receptors; Muscarinic M$_4$ receptors; (S)-Procyclidine; (R)-Procyclidine; Pyrrinol; Hexahydro-procyclidine; Muscarinic receptors (stereoselectivity) (Waelbroeck, M. (189) 135)

Muscarinic receptors
Primary cultured neurons; Up-regulation; Second messenger systems; Cyclic GMP; Phosphoinositide turnover (Ohkuma, S. (189) 277)

Inositol monophosphate; cAMP; Aorta; Endothelium; Smooth muscle (vascular); Acetylcholine; Atropine; Scopolamine (Sim, M.K. (189) 399)

Muscarinic receptors (stereoselectivity)
Muscarinic M, receptors; Muscarinic M$_2$ receptors; Muscarinic M$_4$ receptors; (S)-Procyclidine; (R)-Procyclidine; Pyrrinol; Hexahydro-procyclidine (Waelbroeck, M. (189) 135)

Myocardium
Ca^{2+} channel antagonist; Anipamil; Verapamil; Nifedipine; Sarcolemma; Mitochondria; Ca^{2+}; Ischemia (Ferrari, R. (189) 149)

N1E-115 neuroblastoma cells
5-HT$_3$ receptor; GR65630 (Lummis, S.C.R. (189) 223)

5-HT$_3$ receptors; Radiation inactivation (Lummis, S.C.R. (189) 229)

Neurotoxicity
Excitatory amino acids; NMDA receptors; AMPA ((RS)-2-amino-3-(3-hydroxy-5-methylisoxazol-4-yl)propionic acid) receptors; AMAA ((RS)-2-amino-2-(3-hydroxy-5-methylisoxazol-4-yl) acetic acid); Quinolinic acid (Madsen, U. (189) 381)

Nifedipine
Ca^{2+} channel antagonist; Anipamil; Verapamil; Sarcolemma; Mitochondria; Ca^{2+}; Myocardium; Ischemia (Ferrari, R. (189) 149)

Nitric oxide (NO)
Glyceryl trinitrate; Sodium nitroprusside; Smooth muscle cells (vascular); DNA synthesis; Growth (Nakaki, T. (189) 347)

NMDA
Glutamate; Ca^{2+}; Kainate; Quisqualate; (Chick) (McMillian, M. (189) 253)

N-methyl-D-aspartate (NMDA)
Polyamines; MK-801; Glutamate receptors; Brain (human); Ifenprodil; Spermidine (Steele, J.E. (189) 195)

NMDA receptor
[^{3}H]Glycine; Glycine recognition site; Vinylglycine (Monahan, J.B. (189) 373)

NMDA receptors
Glycine; Enantiomers; HA-966 (1-hydroxy-3-amino-pyrrolidone-2); Spermine (Pullan, L.M. (189) 237)

Excitatory amino acids; AMPA ((RS)-2-amino-3-(3-hydroxy-5-methylisoxazol-4-yl)propionic acid) receptors; AMAA ((RS)-2-amino-2-(3-hydroxy-5-methylisoxazol-4-yl) acetic acid); Quinolinic acid; Neurotoxicity (Madsen, U. (189) 381)

Noncompetitive NMDA antagonists
Dextrorphan; Glycine; Glutamate; Brain; (Rat) (Franklin, P.H. (189) 89)

Noradrenaline
PI turnover; Endothelin-1; Atrium; (Rat) (Kuraja, I.J. (189) 299)

Nucleoside transport inhibition
Lidoflazine analogs; Erythrocytes (human) (Pirovano, I.M. (189) 419)

Oocytes (*Xenopus*)
Bifemelane; Idebenone; Vinpocetine; Ca^{2+} channels; Brain; mRNA; (Guinea-pig) (Kaneko, S. (189) 51)

Oxidative phosphorylation
Phosphate (inorganic, P_i); Carnitine; Cardiac mitochondria; Adenine nucleotide translocase (Duan, J. (189) 163)

Particulate guanylate cyclase
Amiloride; Atrial natriuretic factor (ANF); ANF receptor; Cyclic GMP (Ivanova, K. (189) 317)

Patch-clamping
$GABA_A$ receptors; Expression; Cell lines (stable); Single channels (Moss, S.J. (189) 77)

Pertussis toxin
G-proteins; Sino-atrial node (Braun, A.P. (189) 105)

Phorbol ester
α_1-Adrenoceptor; Smooth muscle (vascular); G-protein; Age; Contraction (Jagadeesh, G. (189) 11)

Protein kinase C; Blood vessel; Contraction; Aging; (Fischer 344 rat) (Johnson, M.D. (189) 405)

Phosphate (inorganic, P_i)
Carnitine; Cardiac mitochondria; Oxidative phosphorylation; Adenine nucleotide translocase (Duan, J. (189) 163)

Phosphoinositide turnover
Muscarinic receptors; Primary cultured neurons; Up-regulation; Second messenger systems; Cyclic GMP (Ohkuma, S. (189) 277)

Phospholipase
Muscarinic acetylcholine receptors; Sino-atrial node; Atrium; Guanine nucleotides; N-Ethylmaleimide (Braun, A.P. (189) 201)

Phospholipase C
Glomerulosa cells; Angiotensin II receptors; Inositol phosphate; Aldosterone; Adrenal cortex (Boulay, G. (189) 267)

Pituitary
$InsP_6$; Ca^{2+} (Sortino, M.A. (189) 115)

PI turnover
Endothelin-1; Noradrenaline; Atrium; (Rat) (Kuraja, I.J. (189) 299)

Plasma osmolality
Vasopressin mRNA (mouse); Chronic ethanol; Vasopressin (plasma); In situ hybridization; Hypothalamus (Ishizawa, H. (189) 119)

Polyamines
MK-801; N-methyl-D-aspartate (NMDA); Glutamate receptors; Brain (human); Ifenprodil; Spermidine (Steele, J.E. (189) 195)

Postsynaptic densities
TCP (thienyl-phencyclidine); CPP (3-(2-carboxypiperazin-4-yl)propyl-1-phosphonic acid); Glutamate effect (Foucaud, B. (189) 355)

P_2 purinoceptors
DDT_1 MF-2; Smooth muscle cells; Inositol phosphates; Intracellular Ca^{2+} (Hoiting, B. (189) 31)

Pregnenolone sulfate
Steroids; Brain; $GABA_A$ receptor; Cl^- ionophore (Majewska, M.D. (189) 307)

Primary cultured neurons
Muscarinic receptors; Up-regulation; Second messenger systems; Cyclic GMP; Phosphoinositide turnover (Ohkuma, S. (189) 277)

(R)-Procyclidine
Muscarinic M, receptors; Muscarinic M_2 receptors; Muscarinic M_4 receptors; (S)-Procyclidine; Pyrrinol; Hexahydro-procyclidine; Muscarinic receptors (stereoselectivity) (Waelbroeck, M. (189) 135)

(S)-Procyclidine
Muscarinic M, receptors; Muscarinic M_2 receptors; Muscarinic M_4 receptors; (R)-Procyclidine; Pyrrinol; Hexahydro-procyclidine; Muscarinic receptors (stereoselectivity) (Waelbroeck, M. (189) 135)

Protein kinase C
Blood vessel; Contraction; Aging; Phorbol ester; (Fischer 344 rat) (Johnson, M.D. (189) 405)

Pyrrinol
Muscarinic M, receptors; Muscarinic M_2 receptors; Muscarinic M_4 receptors; (S)-Procyclidine; (R)-Procyclidine; Hexahydro-procyclidine; Muscarinic receptors (stereoselectivity) (Waelbroeck, M. (189) 135)

Quinolinic acid
Excitatory amino acids; NMDA receptors; AMPA ((RS)-2-amino-3-(3-hydroxy-5-methylisoxazol-4-yl)propionic acid) receptors; AMAA ((RS)-2-amino-2-(3-hydroxy-5-methylisoxazol-4-yl) acetic acid); Neurotoxicity (Madsen, U. (189) 381)

Quisqualate
Kainate; Glutamate; Concanavalin A; GABA release; Striatal neurons (Charpentier, N. (189) 241)

Glutamate; Ca^{2+}; Kainate; NMDA; (Chick) (McMillian, M. (189) 253)

Radiation inactivation
5-HT_3 receptors; N1E-115 neuroblastoma cells (Lummis, S.C.R. (189) 229)

Receptor autoradiography
Benzodiazepine receptor subtypes; $GABA_A$ receptors (Mennini, T. (189) 143)

Receptor heterogeneity
Inositol 1,4,5-trisphosphate; Cerebellum; Adrenal cortex; Heparin (Willcocks, A.L. (189) 185)

Receptor modulation
[^{3}H]Paroxetine; [^{3}H]Citalopram; 5-Hydroxytryptamine (5-HT) transport complex; Brain (rat) (Plenge, P. (189) 129)

Renal catecholamines
Dopamine; LLC-PK_1 cells; L-Dopa; Kidney; Aromatic amino acid decarboxylase (Dawson, Jr., R. (189) 423)

mRNA
Bifemelane; Idebenone; Vinpocetine; Ca^{2+} channels; Oocytes (*Xenopus*); Brain; (Guinea-pig) (Kaneko, S. (189) 51)

Sarcolemma
Ca^{2+} channel antagonist; Anipamil; Verapamil; Nifedipine; Mitochondria; Ca^{2+}; Myocardium; Ischemia (Ferrari, R. (189) 149)

Scopolamine
Muscarinic receptors; Inositol monophosphate; cAMP; Aorta; Endothelium; Smooth muscle (vascular); Acetylcholine; Atropine (Sim, M.K. (189) 399)

Second messenger systems
Muscarinic receptors; Primary cultured neurons; Up-regulation; Cyclic GMP; Phosphoinositide turnover (Ohkuma, S. (189) 277)

Signal transduction
T-cell receptors; Inositol phosphates; Fluoride; ADP ribosylation; GTPase (Kvanta, A. (189) 363)

Single channels
$GABA_A$ receptors; Expression; Cell lines (stable); Patch-clamping (Moss, S.J. (189) 77)

Sino-atrial node
G-proteins; Pertussis toxin (Braun, A.P. (189) 105)

Muscarinic acetylcholine receptors; Atrium; Guanine nucleotides; Phospholipase; N-Ethylmaleimide (Braun, A.P. (189) 201)

Smooth muscle
DDT_1 MF-2 cells; Ca^{2+} (intracellular); Membrane current; α_{1B}-adrenoceptors; Inositol phosphates (Nelemans, A. (189) 41)

Smooth muscle cell
Atherosclerosis; Cell culture; Cell proliferation; E5050 (Saeki, T. (189) 23)

Smooth muscle cells
DDT_1 MF-2; P_2 purinoceptors; Inositol phosphates; Intracellular Ca^{2+} (Hoiting, B. (189) 31)

Smooth muscle cells (vascular)
Nitric oxide (NO); Glyceryl trinitrate; Sodium nitroprusside; DNA synthesis; Growth (Nakaki, T. (189) 347)

Smooth muscle (ileal)
Trimebutine; [^{3}H]Nitrendipine binding; Taenia cecum; (Guinea-pig); (Contraction) (Nagasaki, M. (189) 71)

Smooth muscle (vascular)
α_1-Adrenoceptor; G-protein; Age; Contraction; Phorbol ester (Jagadeesh, G. (189) 11)

Benzodiazepine binding sites (peripheral type); [^{3}H]PK 11195; Lipocortin I; Anti-lipocortin I antiserum (Mihara, S.-i. (189) 233)

Muscarinic receptors; Inositol monophosphate; cAMP; Aorta; Endothelium; Acetylcholine; Atropine; Scopolamine (Sim, M.K. (189) 399)

Sodium nitroprusside
Nitric oxide (NO); Glyceryl trinitrate; Smooth muscle cells (vascular); DNA synthesis; Growth (Nakaki, T. (189) 347)

Spermidine
Polyamines; MK-801; N-methyl-D-aspartate (NMDA); Glutamate receptors; Brain (human); Ifenprodil (Steele, J.E. (189) 195)

Spermine
Glycine; NMDA receptors; Enantiomers; HA-966 (1-hydroxy-3-amino-pyrrolidone-2) (Pullan, L.M. (189) 237)

Stereoselectivity
Dopamine D_2 receptor; Computer graphics; Benzamides (Rognan, D. (189) 59)

Steroids
Pregnenolone sulfate; Brain; $GABA_A$ receptor; Cl^- ionophore (Majewska, M.D. (189) 307)

Striatal neurons
Quisqualate; Kainate; Glutamate; Concanavalin A; GABA release (Charpentier, N. (189) 241)

Striatum
Desensitization (homologous); Desensitization (heterologous); Dopamine receptors; Adenylate cyclase; (Neurons) (Chneiweiss, H. (189) 287)

Structure model
Imipramine binding; Chemical modification (Fomenko, A.M. (189) 175)

γ2-Subunit
$GABA_A$ receptor; Antipeptide antibodies (Benke, D. (189) 337)

Sucrose gradients
[^{3}H]Etorphine; [^{3}H]Diprenorphine; Cerebellum membranes (rabbit and guinea-pig); 5′-Guanylylimidodiphosphate (GppNHp) (Frances, B. (189) 1)

Sucrose gradients (sedimentation in)
Brain membranes (frog); Digitonin extracts (soluble); [^{3}H]Diprenorphine binding (Roussin-Pascaud, A. (189) 393)

Taenia cecum
Trimebutine; [^{3}H]Nitrendipine binding; Smooth muscle (ileal); (Guinea-pig); (Contraction) (Nagasaki, M. (189) 71)

T-cell receptors
Signal transduction; Inositol phosphates; Fluoride; ADP ribosylation; GTPase (Kvanta, A. (189) 363)

TCP (thienyl-phencyclidine)
CPP (3-(2-carboxypiperazin-4-yl)propyl-1-phosphonic acid); Postsynaptic densities; Glutamate effect (Foucaud, B. (189) 355)

Tiflucarbine
Calmodulin (binding to); Cyclic nucleotide phosphodiesterase (Schmidt, B.H. (189) 411)

Trimebutine
[^{3}H]Nitrendipine binding; Smooth muscle (ileal); Taenia cecum; (Guinea-pig); (Contraction) (Nagasaki, M. (189) 71)

Up-regulation
Muscarinic receptors; Primary cultured neurons; Second messenger systems; Cyclic GMP; Phosphoinositide turnover (Ohkuma, S. (189) 277)

Vasopressin mRNA (mouse)
Chronic ethanol; Plasma osmolality; Vasopressin (plasma); In situ hybridization; Hypothalamus (Ishizawa, H. (189) 119)

Vasopressin (plasma)
Vasopressin mRNA (mouse); Chronic ethanol; Plasma osmolality; In situ hybridization; Hypothalamus (Ishizawa, H. (189) 119)

Verapamil
Ca^{2+} channel antagonist; Anipamil; Nifedipine; Sarcolemma; Mitochondria; Ca^{2+}; Myocardium; Ischemia (Ferrari, R. (189) 149)

Vinpocetine
Bifemelane; Idebenone; Ca^{2+} channels; Oocytes (*Xenopus*); Brain; mRNA; (Guinea-pig) (Kaneko, S. (189) 51)

Vinylglycine
[^{3}H]Glycine; NMDA receptor; Glycine recognition site (Monahan, J.B. (189) 373)

***Xenopus* oocyte**
Glutamate receptors; In situ hybridization; Kainic acid; Hippocampus (Gall, C. (189) 217)